

## **ABSTRACT**

A tall building escape apparatus includes two upright sliding rails on one side of a building where two escape exits are located. The sliding rails are cylindrical rods extended  
5 from the ground floor to the top floor of the building corresponding to hanging racks located on the top floor. The hanging racks have pulleys mounted thereon to wind a rope between the two hanging racks. The rope has two ends fastened respectively to an escape case. The escape case has  
10 retaining rollers with curved periphery to clamp the sliding rails, buffer members on the bottom side, and an entrance/exit opening on one side directing to the escape exit. When a user escapes by descending through one escape case, another escape case is pulled by the rope upwards to enable another  
15 user to escape. Thus escape speed is faster, and safety is enhanced and there is no limitation of the applicable height.